

Title (en)

Assembly in the annealing section of a glass tempering apparatus.

Title (de)

Montierung in der Kühlzone einer Härteanlage für Glas.

Title (fr)

Montage dans la zone de recuisson d'un appareil de trempe de verre.

Publication

**EP 0265787 A1 19880504 (EN)**

Application

**EP 87115105 A 19871015**

Priority

FI 864395 A 19861029

Abstract (en)

The invention relates to an assembly in the annealing section of a glass tempering apparatus, comprising a glass sheet supporting rollers (7) and cooling air blow boxes (1,3) are disposed above and below a glass sheet. A blast pressure applied to the bottom surface of a glass sheet because of rollers (7) tends to pick up a glass sheet afloat off the contact with the rollers. In order to correct the situation without changing the cooling effects of the opposite surfaces of glass, the radiation absorption factor of surfaces (7, 10) below a glass sheet is higher than the absorption factor of surfaces (9, 11) above on the thermal radiation wavelengths of glass. Thus, the convection cooling below a glass sheet, and accordingly the blast pressure, can be reduced with respect to the overhead convection cooling.

IPC 1-7

**C03B 25/08**; **C03B 27/04**

IPC 8 full level

**C03B 25/08** (2006.01); **C03B 27/04** (2006.01); **C03B 27/044** (2006.01)

CPC (source: EP US)

**C03B 27/0404** (2013.01 - EP US); **C03B 27/044** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0265787 A1 19880504**; **EP 0265787 B1 19900411**; AT E51857 T1 19900415; DE 3762233 D1 19900517; ES 2015031 B3 19900801; FI 76315 B 19880630; FI 76315 C 19881010; FI 864395 A0 19861029; FI 864395 A 19880430; US 5032162 A 19910716

DOCDB simple family (application)

**EP 87115105 A 19871015**; AT 87115105 T 19871015; DE 3762233 T 19871015; ES 87115105 T 19871015; FI 864395 A 19861029; US 11350887 A 19871028